

(19)



Europäisches Patentamt
European Patent Office
Office européen des brevets



(11)

EP 0 909 108 A3

(12)

EUROPEAN PATENT APPLICATION

(88) Date of publication A3:
14.03.2001 Bulletin 2001/11

(51) Int Cl.7: **H04Q 11/04**

(43) Date of publication A2:
14.04.1999 Bulletin 1999/15

(21) Application number: 98307531.8

(22) Date of filing: 16.09.1998

(84) Designated Contracting States:
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU
MC NL PT SE
Designated Extension States:
AL LT LV MK RO SI

(72) Inventors:

- Bernstein, Greg M.
Fremont, CA 94536 (US)
- Gullicksen, Jeffrey T.
San Jose, CA 95121 (US)

(30) Priority: 16.09.1997 US 931649

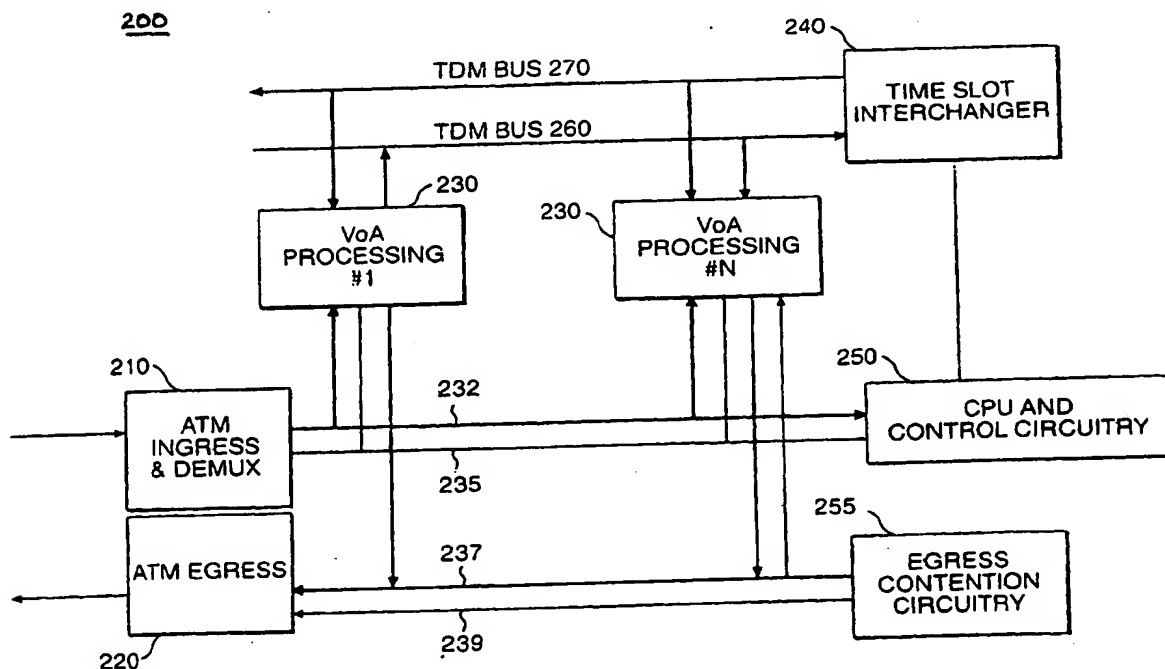
(71) Applicant: Nortel Networks Limited
Montreal, Quebec H2Y 3Y4 (CA)

(74) Representative: Ryan, John Peter William
Nortel Networks
Intellectual Property Law Group
London Road
Harlow, Essex CM17 9NA (GB)

(54) **Method and apparatus for interworking ATM adaptation layer formats**

(57) A plurality of voice-over-ATM modules operate in parallel and each processes at least one type of AAL.

Interface circuitry and contention circuitry allow the parallel modules to interact. The result is an interworking between ATM streams and different types of equipment.

**FIG. 2**
EP 0 909 108 A3



European Patent
Office

EUROPEAN SEARCH REPORT

Application Number
EP 98 30 7531

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.Cl.6)
X	US 5 390 175 A (WIERZBICKI ALEX L ET AL) 14 February 1995 (1995-02-14) * figures 13-19, 23, 24, 29, 43 * * column 22, line 4 - line 23 * * column 25, line 34 - line 44 * * column 27, line 1 - line 68 * * column 28, line 67 - column 29, line 64 * * column 30, line 45 - line 64 * * column 36, line 43 - line 54 * * column 54, line 5 - line 51 *	1, 2, 4-6, 8, 10-13, 16-18	H04Q11/04
X	EP 0 793 398 A (LUCENT TECHNOLOGIES INC) 3 September 1997 (1997-09-03) * figures 1-3, 5 * * abstract * * column 3, line 21 - column 4, line 5 * * column 5, line 45 - line 56 * * column 8, line 19 - line 25 *	1, 3, 4, 11, 16-18	<div>TECHNICAL FIELDS SEARCHED (Int.Cl.6)</div> <div>H04Q</div>
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 18 January 2001	Examiner Lamadie, S
<div>CATEGORY OF CITED DOCUMENTS</div> <div> X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document </div>			

EPO FORM 1503 03 82 (P04/03.1)

**ANNEX TO THE EUROPEAN SEARCH REPORT
ON EUROPEAN PATENT APPLICATION NO.**

EP 98 30 7531

This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report. The members are as contained in the European Patent Office EDP file on
The European Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

18-01-2001

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 5390175 A	14-02-1995	AT 169168 T	15-08-1998
		AU 686150 B	05-02-1998
		AU 6517094 A	10-07-1995
		BR 9408313 A	05-08-1997
		CA 2178917 A	29-06-1995
		DE 69412140 D	03-09-1998
		DE 69412140 T	07-01-1999
		DK 736239 T	10-05-1999
		EP 0736239 A	09-10-1996
		ES 2120619 T	01-11-1998
		HK 1003097 A	17-03-2000
		JP 9508766 T	02-09-1997
		NO 962594 A	19-06-1996
		NZ 263909 A	27-07-1997
		SG 49299 A	18-05-1998
		WO 9517789 A	29-06-1995
EP 0793398 A	03-09-1997	US 5710769 A	20-01-1998
		CA 2195490 A	29-08-1997
		JP 10051470 A	20-02-1998

EPO FORM P0459

For more details about this annex : see Official Journal of the European Patent Office, No. 12/82

THIS PAGE BLANK (USPTO)